New England
Deaconess
Hospital
Boston, Massachusetts

pulse

VOLUME 21 — NUMBER 5 FEBRUARY 1968

TRUSTEES ANNOUNCE BUILDING CONTRACTOR

The Frank Briscoe Company of Newark, New Jersey has been awarded the $9.5 million building contract for additions and renovations to the Central Building of New England Deaconess Hospital, Mr. Laurens MacLure, President of the Corporation, announced today. Construction is scheduled to start in March.

The Central Building, which opened in 1953, was originally planned to be a larger facility. Foundations and elevator shafts were provided for an 11-story structure; and the six additional floors will be added without heavy expense in these areas. Plans also include widening the wing which extends toward the Deaconess Building.

Upon the projects completion in the Spring of 1970 the entire sixth floor will be a modern 35-bed intensive care unit. Floors 7 through 11 will be nursing units of 40-bed capacity; and Central Three will be enlarged to accommodate 36 patients. This new construction will produce 247 new beds and permit the closing of all medical-surgical units in the outmoded Deaconess Building.

Members of the Building Committee seated from left to right are: Mr. Francis W. Capper, Mr. Elliott Henderson, Chairman; Mr. Laurens MacLure and Mr. R. D. Lowry. Standing left to right are: Mr. Donald L. Sabine, Mr. Hubert D. Sycamore, Mr. Casimir deRham, Jr., Dr. Cornelius E. Sedgwick, Mr. Frank M. McGowan, Mr. C. Vincent Vappi and Dr. L. Tillman McDaniel. Dr. Arland A. Dirlam is absent from the picture.

By excavating the courtyard between the Chapel and existing Central Building, the wing leading to Deaconess will be widened to permit double corridor design. Executive offices will be in this area on the first floor; and with the Medical Record Department relocated on Baker One, there will be increased space for patient admitting.

A new and expanded recovery room is planned for the fourth floor; additional radiology procedure rooms and offices for the second; completion of the centralization of food service in the basement and larger areas for respiratory therapy, central sterile supply and surgery dressing rooms on the fifth.

The Building Committee has been working on these plans in conjunction with the architectural firm of Shepley, Bulfinch, Richardson and Abbott since hospital consultant, Dr. Anthony J. J. Rourke suggested expansion in 1965. Members of the committee include Mr. Elliott Henderson, Chairman, Dr. Arland A. Dirlam, Mr. Casimir de Rham, Jr., Mr. C. Vincent Vappi, Mr. Frank M. McGowan, Mr. R. D. Lowry, Dr. L. Tillman McDaniel, Dr. Cornelius E. Sedgwick, Mr. Laurens MacLure, Mr. Francis W. Capper, Mr. Hubert D. Sycamore and Mr. Donald L. Sabine.

TAX QUESTIONS?

A tax consultant will be available on March 18 and April 1. Call Mrs. Mary Speare on extension 202 to make an appointment.

THE COOP

OPENS IN THIS AREA

The fourth and newest "Coop", Harvard Cooperative Society, store will open at the new Children's Hospital Medical Center, March 1. Located at Longwood and Brookline Avenues in Boston, the store will provide needed shopping facilities in the medical center area.

The "Coop" is a unique retail store founded in 1882, as a cooperative to provide members, and the general public, with merchandise at competitive prices, while sharing the earned profit with its members.

All professional and non-professional employees, staff, faculty and students of the New England Deaconess Hospital are invited to join the new Coop and retain membership for the duration of their affiliation. A yearly fee of $1.00 entitles qualified individuals to become members of the Coop. Refund checks are distributed to members each fall based on the amount of the member's individual purchases and the Society's profit for the preceding year.

The Coop is governed by a board of directors whose representation includes administrators, faculty and students of the Harvard - M.I.T. academic and professional community.

The new Coop will have a wide selection of medical text and reference books and will represent most of the departments of the Harvard Square store. Upon request, any merchandise stocked at the Harvard Coop or Tech Coop can be delivered to you at the Coop at the Medical Center.

The Coop operates three other stores: the Harvard Coop, M.I.T. Tech Coop and the Harvard Business School Coop. The Medical Center store will offer merchandise in the following categories: appliances, cameras and film, children's books, custom framing, drug sundries, educational games, general books, greeting cards, home furnishings, imprinted stationery, medical text and reference books, menswear, paperbacks, radios and televisions, records, school supplies, sporting goods and athletic supplies, typewriters, wedding announcements, womenswear and optician's services.

HOSPITAL TO PAY ENTIRE BLUE CROSS/BLUE SHIELD

An added benefit has been announced for Deaconess employees! "The Hospital which now pays half employee Blue Cross/Blue Shield and Prolonged Illness Coverage (whether family or individual plan) will assume the entire cost," Mr. Richard E. Lee, Director, stated. As of April 1 any employee who is a member of our group plan will receive this benefit.

Comprehensive Coverage

Deaconess has had a longstanding policy of increasing benefits for employees whenever possible. Mr. Lee emphasized that the Hospital is proud to be able to provide free of employee charge the same comprehensive hospital insurance we have had in the past.

In case any group member is hospitalized, Blue Cross pays full semi-private hospital room and board charges up to 120 days. Operating room, recovery room, IV therapy, pharmacy and laboratory expenses are also covered, as is the full cost of a stay in the intensive care unit.

Blue Shield (Plan B) covers the professional services of a surgeon or physician during hospitalization depending on income and approved fee schedules.

Prolonged Illness Certificate (PIC) gives coverage after 120 days for specially defined illnesses, allowing $12 a day toward room and board and up to $5000 for ancillary charges.

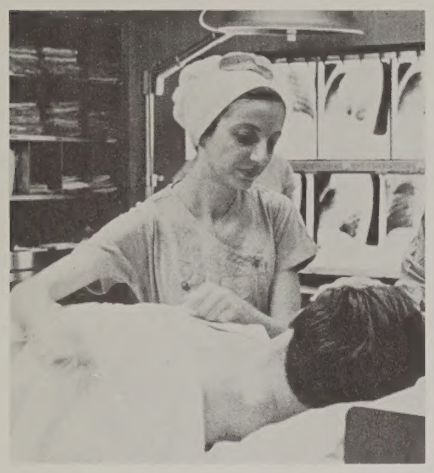
A Paycheck Bonus

For present group members the benefit in effect means a pay raise because the amount paid for Blue Cross/Blue Shield and PIC will no longer be a salary deduction. Effective the week of April 1, the increase will be apparent in the paycheck distributed on Thursday, April 11.

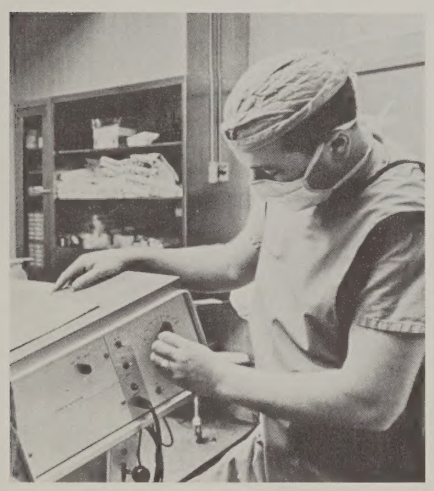
One Annual Time for Joining

Any employee who works a minimum of 30 scheduled hours a week is eligible for membership. If you did not become a member of Deaconess' Blue Cross/Blue Shield group plan within 60 days after you began working here, you can sign-up during the allotted annual time for joining. At this time members may also add PIC. The sign-up time will be in May; the exact dates of which will be announced.

CARDIAC CATHETERIZATION

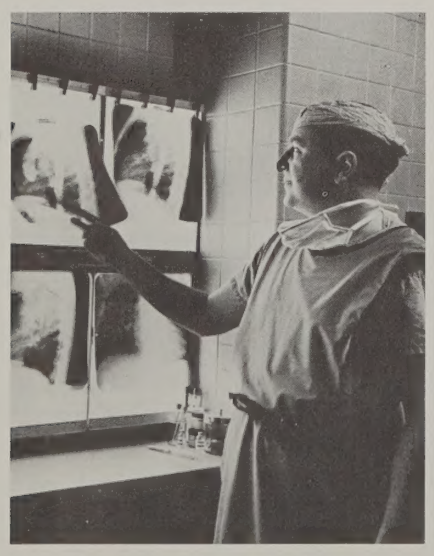


Pauline prepares the patient for testing.



Tom adjusts the rapid dye injector.

Pauline helps the patient to relax.



Tom mounts X-rays for analysis.

Testing the Heart

The patient in the cardiac catheterization unit is a former long-distance runner who captured the New England 15-mile championship twice and finished 11th in the 1962 Boston Marathon. He is 38 and the condition of his heart is now suspect.

Dr. O. Stevens Leland, Director, Cardiopulmonary Unit; Dr. Joseph R. Dotolo, cardiology resident; Mr. Thomas Minogue, R.N., unit technical supervisor and Miss Pauline A. Luizzi, chief X-ray technician and unit assistant, are members of the cardiac catheterization team who will perform the heart tests.

It is only in the last 15 years that cardiac catheterization has become a safe and meaningful diagnostic tool; safe because the X-ray equipment is powerful enough to allow constant monitoring, and meaningful because heart surgery has made advancements requiring such detailed information. Complete testing takes about three hours.

Tom prepares the surgical table in advance with appropriate valves, tubes and surgical instruments. Extra attention is paid to maintaining sterile operating room conditions. The team scrubs and sterile masks and gowns are worn.

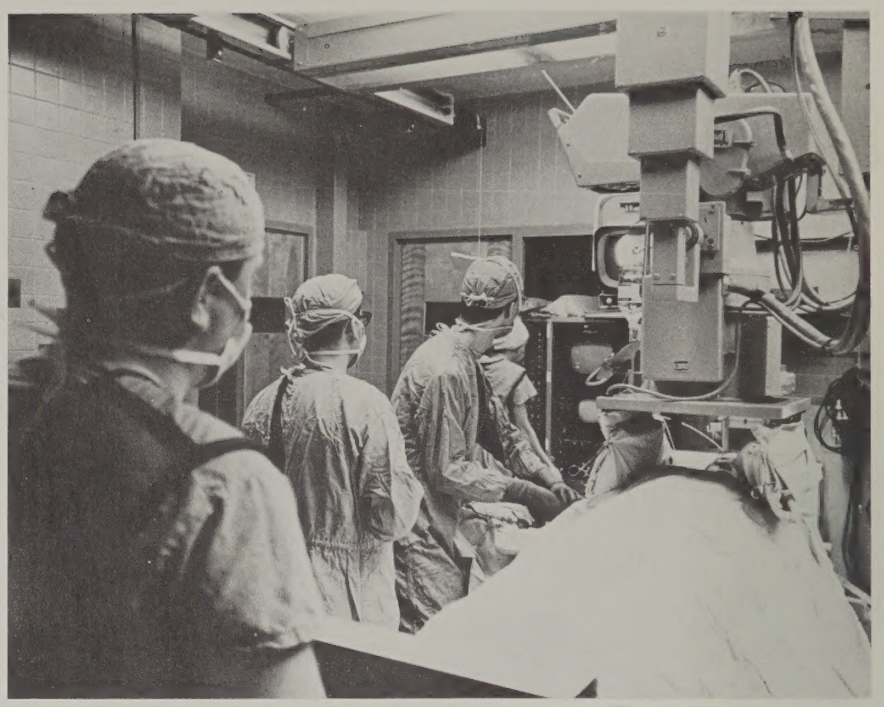
A Line of Communication

As soon as the patient rests comfortably, the doctors begin by inserting a catheter or long, narrow tube in a vein in his arm. The process doesn't hurt. There are no nerve endings in the heart and novocaine is used where the catheter is inserted.

The tube finds its way through the vein and into the heart. This is one of several catheters which will provide a line of communication along a vein or artery between the heart and the cardiac testing team.

Doctors monitor the progress of the catheter on television. At any given moment everyone in the room can check the television screen as well as a large oscilloscopic screen which continually flash the patient's electrocardiogram and cardiac pressures. For ideal viewing the patient rests on a special hammock type table which can be rotated completely under the camera.

With the catheter inserted the heart valves are tested. Pressures are taken in the vessels and chambers. The mechanical pulsing of the blood is changed into an electrical signal which Pauline watches on her monitoring apparatus. It looks like a moving picture of an EKG. She develops a photographic print for later analysis.



The cardiac catheterization team begins testing. All watch monitoring devices as Dr. Leland adjusts the catheter.

Dr. Leland (left) is assisted by Dr. Dotolo during the procedure.

Dr. Dotolo at the surgical table.

Blood samples are drawn from various locations within the heart. Pathology laboratory personnel in an adjacent room instantly test the blood. Analysis of their results indicates the pumping ability of the heart and defects in its walls.

The functions of the heart cannot be clearly seen on X-ray film without the use of a radiopaque dye. When dye is sent through the coronary arteries Pauline adjusts exposures as movies are taken. Any blockage or narrowing is evident. A pressure injector is used to flood each chamber with a large amount of dye which demonstrates shape and any leakage.

In a Maze of Equipment

Skilled hands work constantly in the maze of sophisticated equipment. There are two televisions; in case one fails. A cardiac resuscitator stands-by. A rapid processor has films available in seconds. The wires connecting the cameras, televisions, generators and X-ray machines are snugly arranged under the false floor to prevent clutter.

A Happy Ending

The diagnosis has its application in corrective surgery or clinical treatment. But the test may also be a success story. The abnormality in this patient's heart is not severe enough to restrict him from activity. With proper caution he will be allowed to re-train and perhaps we may hear of him taking part in another Boston Marathon. Not too many years ago he might have been needlessly restricted from running.

FRIENDS' FOLIO

NEW BOARD MEMBERS

Two doctors' wives were recently welcomed as Board members of the Friends of the Deaconess. They are Mrs. Bernice C. Meissner, wife of our pathologist-in-chief, Dr. William A. Meissner, and Mrs. Marjorie G. Nicholson, the wife of Dr. Morris J. Nicholson, anesthesiologist.

Mrs. Meissner is active in the American Cancer Society. She was co-chairman of their last benefit which sponsored Mary Martin and Robert Preston in "I Do, I Do." The majority of her outside time is spent serving her church's concern in Newton Centre. She and Dr. Meissner have two grown children.

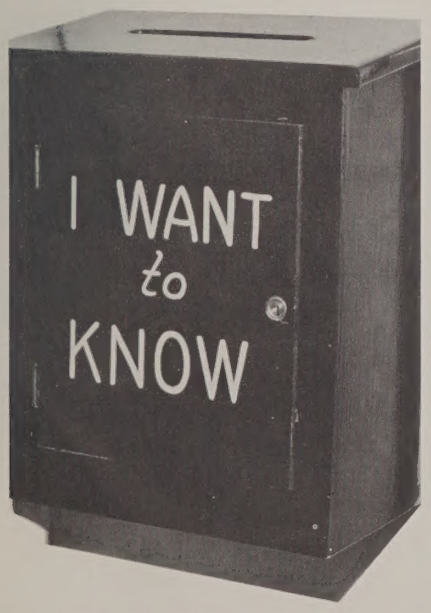
Mrs. Nicholson has been a member of the Friends for 15 years. She serves in the Coffee Shop every Thursday morning. Her schedule is a busy one with Monday mornings devoted to research assistance in child psychiatry at Massachusetts General Hospital. Wednesday morning she teaches remedial reading at the Christopher Gibson School in North Dorchester. On Fridays she takes a graduate seminar pilot course given by Northeastern University and McLean Hospital in family processes. She and Dr. Nicholson are residents of West Newton and have three children and three grandchildren.

MISS WYMAN DIES

Miss Ada Wyman, who volunteered every Tuesday to teach the patients of Norwich House weaving, died Wednesday, January 31 at the age of 86. Miss Wyman started her service at Deaconess in 1947 and gave over 3,000 volunteer hours to the Hospital.

MRS. BULLOCK MOVES SOUTH

Mrs. George B. Bullock, who began volunteering at Deaconess in 1952, is leaving us to move South. She contributed over 2,300 volunteer hours working as a cashier in the Coffee Shop on Tuesdays.



The "I WANT TO KNOW" box is located in the Baker corridor leading to the Employees' Cafeteria. Questions submitted before the first of each month will be answered in that month's PULSE.

HOSPITAL BUYS NEW SNOW PLOW

"Our boys do very little shoveling," says Mr. Roger G. Peterson, Manager of Laundry and Grounds. What takes the place of shoveling is an efficient use of equipment by a trained crew ready to work whenever Mother Nature demands.

Michael Bracken runs the new snow plow — a bright yellow and blue "Bombardier" with tank type treads and a red plow. Mike plows Pilgrim Road, Autumn Street, Francis Street to Brookline Avenue, Joslin and Deaconess Road, Kent Street by the nurses residence, in fact all the streets that border any of our property.

Richard Witmer uses the older plow with its tractor type body and large tires. The tractor plow is mainly used on the wider sidewalks by Pilgrim Road and the Riverway. Both plows can be used interchangeably as the new plow also fits the sidewalks. For the small walks, Bob Ellington, a custodian for the Diabetes Foundation, uses the snow-blower.

Whenever snow starts to accumulate (night or day) these men come to work. Their aim is to get all the snow out of the way, piled high in Joslin Park, by 7 A.M. the next working day unless, of course, it is still snowing at that time and they have to continue working. Cars left on the side streets or in the middle of the parking lots hinder the plowing.

New snow plow gets the scoop on shoveling! As Michael Bracken prepares to demonstrate the new snow plow, Richard Witmer poses with an older, practically obsolete method at Deaconess — the shovel.

DIAL-A-DIET DIFFERENCE

A tape machine hooked up to a telephone makes it possible for a nurse to inform Dietary directly and at her convenience of last minute admissions, discharges, transfers or changes in doctors orders which will affect the serving of the next meal.

Previously the nurse wrote any notices of this sort for a dietitian to collect just before the meal — a time-consuming and slow system for both departments. Now the process is as simple as picking up the nearest phone. The location of the patient is given first, then the patient's name and finally the diet change. For example: Palmer 305, Jane D. Smith, doctor requests salt-free diet.

The therapeutic dietitian checks the taped information three times during each meal — at 7:00, 7:30 and 8:30 for breakfast; at 10:40, 11:15 and 12:30 for lunch and at 3:30, 4:15 and 5:30 for evening meal service changes.

The recording sometimes distorts the voice making it difficult to understand unless the caller speaks distinctly. "Nurses have shown consideration in this respect and in restricting the phone use for last minute changes only," Miss Charlotte L. Donaldson, Director of Dietetics, said.

Miss Barbara A. Stanley, Therapeutic Dietitian, listens to the code-a-phone for last minute diet changes at 12:30 P.M.

Dietitians are being located throughout the Hospital and will be more easily available for dietary discussion and long-range patient food planning. The Baker Three office extension is 446, Central Three is 277 and the Deaconess dietitians will be on the fourth floor at extension 447.

CONGRATULATIONS MR. SABINE . . .

Mr. Donald L. Sabine, Director of Maintenance and Engineering, is to be congratulated for reaching a milestone last month. Tuesday, January 16 occasioned the anniversary of 40 years of service with the Maintenance and Engineering Department.

He remembers that when he first came, the Hospital consisted of the Deaconess Building, Harris Hall and Palmer. He was hired as a general helper and to run an electric truck through the tunnels connecting the three buildings. During the evenings he attended Wentworth Institute and later the Franklin Technological Institute, obtaining his electrician's license in 1933. Thereafter, he served as the Hospital electrician until 1939, when he was appointed director of the Maintenance and Engineering Department.

Mr. Sabine used to bowl in the Hospital league, and he enjoys fishing and photography. He and his wife, Marian, are residents of Needham and the parents of two children and five grandchildren. A tea was held in his honor on January 16.

Miss Burns, Co-Author Operating Room Textbook

Miss Margaret A. Burns, Associate Director of Surgical Services, is one of four registered nurses who have written and compiled a manual which is described as the authoritative guide for teaching operating room technicians. The work is entitled "Teaching the Operating Room Technician."

It has 400 pages of teaching material, provides for 480 hours of classroom presentation and is expected to be the basis for courses of education and training throughout the world. Its purpose is to serve as a guide to establish programs for teaching the techniques necessary for uniform and safe practices in operating rooms.

The manual comments that the shortage of professional nurses has led to recognition of the need for non-professional assistance in the operating theatres of the nation's hospitals. Nonprofessional personnel, given adequate training, can render most valuable services under the supervision of registered nurses.

The American College of Surgeons congratulated the Association of Operating Room Nurses on this undertaking and acknowledged the support of its fellows to its implementation.

As chairman of the technicians manual committee of the Association of Operating Room Technicians, Miss Burns was joined in authoring the manual by Miss Helen M. Lundahl, Major, Army Nurse Corps of Brooks General Hospital, Texas; Mrs. Virginia T. Rockwell of Thompson Hospital, Canandaigua, New York, and Miss Janet M. Redgate, Commander, Navy Nurse Corps in Washington, D.C.

Miss Burns is the coordinator and instructor of the Deaconess operating room technicians program which was begun in 1958 as a six month course to train operating room assistants specifically for employment within our hospital. In 1963 the class size was increased and the program was extended to one year.

SPECIAL THANKS

Congratulations goes to every department which was affected by the flu epidemic and yet managed to serve Deaconess well during the height of sickness in January.

PROFILE . . .

Mr. Orlando demonstrates some Portuguese.

What does a night houseman, language professor and musician have in common? Give up? They are all the same person.

In the evening Mr. Joao M. Orlando is a member of the housekeeping crew responsible for floor upkeep. During the day he teaches Portuguese at the Berlitz School of Language in Boston. Previously he played the drums on various television shows in Brazil.

Originally from Brazil, Mr. Orlando's native tongue is Portuguese. Not many people are proficient in the language and Berlitz is willing to fly Mr. Orlando to Providence and Philadelphia to do substitute teaching. Besides teaching students, Mr. Orlando instructs new teachers in the Berlitz method.

A true language buff, Mr. Orlando is fluent in Spanish, and he studies French and Italian in his spare time.

Mr. Orlando holds degrees in languages, accounting, public speaking and public relations from the University at Sao Paolo, Brazil. For seven years he served on the public relations staff of the Bank of Brazil.

He came to New England to join his parents who live in Watertown. A friend recommended Deaconess Hospital to him because "the people who work there are good company." Mr. Orlando finds he has to agree.

New Library Books

New books in the Patients' and Employess' Library include: **Tolstoy** by Henri Troyat, **Senator Fulbright** by Tristram Coffin, **Six Seconds In Dallas** by Josiah Thompson, **The Incredible Victory** by Walter Lord, **Pulitzer** by W. A. Swanberg, **Beyond Belief** by Emlyn Williams, **Helicopter and Autogiros** by Charles Gablehouse, **The Instrument** by John O'Hara, **The Confessions Of Nat Turner** by William Styron, **To Brooklyn With Love** by Gerald Green, **Color From A Light Within** by Donald Braider, **The Gabriel Hounds** by Mary Stewart, **The Witnesses** by M. W. Waring, **Topaz** by Leon Uris, **Thorpe** by Mary Dutton, **The Moonlit Door** by Anne Maybury, **The Admiral** by Martin Dibner, **Love Is For The Living** by Elisabeth Kyle, **North To Yesterday** by Robert Flynn, **Against Entropy** by Michael Frayn, **The Puzzleheaded Girl** by Christina Stead, **Footnotes and Headlines** by Sister Corita, **Too Strong For Fantasy** by Marcia Davenport, **World Beneath The Sea** by James Dugan, **Vietnam Doctor** by James W. Turpin, **Yevtushenko Poems** by Yevgeny Yevtushenko, **College Of One** by Sheilah Graham, **Fresh From The Laundry** by Ilka Chase, **George Ticknor And The Boston Brahmins** by David B. Tyack, **Vive Moi!** by Sean O'Faolain, **A Woman Of The People** by Benjamin Capps, **Walk Into Yesterday** by Mildred Davies, **Death Of A Moral Person** by Alexandra Roudybush, **The Dresden Green** by Nicolas Freeling, **The Con Game** by Hillary Waugh, and two juvenile selections: **The Rise And Fall Of Adolph Hitler** by William L. Shirer and **The Wishing Tree** by William Faulkner.

DOCTORS' DOINGS

Dr. George O. Bell, Physician, Active Staff, and **Dr. Cornelius E. Sedgwick,** Chairman, Department of Surgery, were elected to the Board of Governors of the Clinic Division of Lahey Clinic Foundation. Dr. Bell is Chairman of the Department of Internal Medicine at the Clinic.

Dr. Robert F. Bradley, Physician, Active Staff, lectured on his work in diabetes at the Kankakee County Medical Society, Kankakee, Illinois, February 20.

Dr. Alexander Marble, Physician, Active Staff, attended the Excerpta Medica Symposium in Mexico City, February 26, 27.

Dr. Morris J. Nicholson, Anesthesiologist, Active Staff, willl lecture on "Cardiorespiratory Emergencies in Operating and Recovery Rooms" and "Massive Blood Transfusions — New Ideas in Management" at the New Orleans Post Graduate Medical Assembly, March 4-7.

Dr. George W. B. Starkey, Surgeon, Active Staff, participated in a seminar on "Hiatus Hernia" with the Laconia Clinic at Lake Region General Hospital, New Hampshire.

Dr. Robert D. Sullivan Physician, Active Staff, will lecture at Universities at Pretoria, South Africa in March. He presented an exhibit at the Association of Operating Room Nurses, War Memorial Auditorium, February 18-22, and at the Chicago Medical Society, February 25-28.

ALUMNAE ASSOCIATION NEWS
School of Nursing

President: Marion Metcalf '45
Treasurer: Dorothy Wells '48
Pamela Douglas '63
Corresponding Secretary: Linda Glynn '65

This **Pulse** is the first issue containing a section specifically for Alumnae Association News. The location and amount of space for our News has not been permanently designated as we are still working to find a set up and method of mailing which will best serve our purposes.

We will continue to send the **Pulse** as first class mail to our membership until such time as our addresses and addressograph system is logically and correctly updated. When the system is updated we will send the **Pulse** as bulk rate. Presently we are thinking in terms of mailing 4-6 times a year prior to our Quarterly Meetings.

Please continue to address all Alumnae correspondence, including news for our section in the **Pulse** to:

Alumnae Association
Harris Hall
25 Deaconess Road
Boston, Mass. 02215

Most important — send address changes to Harris Hall in c/o Corresponding Secretary. The accuracy of our mailing list depends a great deal upon your notifying her.

Coming Events . . .

BLOCK MEETING — MARCH 13, 1968
7:30 P. M.

Our hostesses will be the Peter Bent Brigham Alumnae Association. We have no information at this time what the program will be but do come and make a record turnout for Deaconess. This is a meeting we all enjoy. Business meetings for each alumnae group will precede the main program. Come to the main entrance of the Brigham and you will be directed to your proper alumnae group.

ANNUAL MEETING
AND ELECTION OF OFFICERS

May 16, 1968 at Deaconess

Dr. Beetham will be our guest speaker and his topic will be "Orchids and Orchid Hobbies" on which he is an authority. The time and other details will be announced.

MISS CONNOLLY RETIRES

When Miss Mary Connolly came to work at the Deaconess Hospital in 1929 she never expected to stay for 39 years. "But both Mr. Emery and Mr. Peterson were good men to work for," she said.

Miss Connolly ran the press machine for specialty garments such as the student nurses' uniforms, the volunteers' smocks and the residents' jackets. Mr. Roger G. Peterson, Laundry Manager, said, "Mary only missed three days of work out of the entire 39 years, which is quite a record by any standard."

Mary, who came to this country from Ireland when she was 19, now lives in Roxbury. She is enjoying her retirement, which gives her more time with her three godchildren and many friends in Dorchester.

NEW ENGLAND DEACONESS HOSPITAL
BOWLING LEAGUE

DIVISION A

Team No.	Pinfall to date Incl. Handicap	Pts.
1—C. Schraub	25796	100
3—M. Foley	25574	74
2—J. Halligan	23501	64
5—G. Graham	23719	54
4—S. Marotta	19117	52

High Singles
J. Dillahunt 112
J. Swanson 91

High Singles for Year
J. Swanson 123
C. Schraub 146

High Three-String for Year
C. Schraub 370
J. Swanson 300

High Average for Year
J. Swanson 89
D. Colella 103

DIVISION B

Team No.	Pinfall to date Incl. Handicap	Pts.
6—M. Hennessey	25489	90
7—B. Laffey	25099	82
8—D. Colleran	23938	70

High Singles
S. Meek 115
D. Colleran 113

High Singles for Year
B. Laffey 126
L. Glynn 121

High Three-String for Year
B. Laffey 320
S. Meek 325

High Average for Year
B. Laffey 98
S. Meek 94

DIVISION C

Team No.	Pinfall to date Incl. Handicap	Pts.
14—J. Esch	25749	94
12—M. Coburn	25024	86
13—D. Dalton	21633	72
11—P. Gleason	25185	54
10—K. Gillis	20560	42

High Singles
P. Dalton 124
I. Lane 102

High Singles for Year
R. Heaney 143
B. Nickerson 115

High Three-String for Year
J. Barr 346
B. Nickerson 324

High Average for Year
D. McGowan 111
B. Nickerson 92